



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of

PREUILH et al.

Atty. Ref.: 2365-23

Appl. No. 09/709,477

Group: 1617

Filed: November 13, 2000

Examiner: Wells, Lauren Q.

For: FORMING COMPOSITION FOR HAIR CARE

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October 16, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Sir:

SUPPLEMENTAL SUBMISSION

Supplemental to the Amendment filed October 8, 2003 in the above, attached is a further copy of WO 97/27835 and FR 2718961, referred to on page 9 in the remarks of the Amendment of October 8, 2003. An early and favorable Action on the merits is requested along with a return of the previously requested initialed PTO-1449 Form.

Respectfully submitted,

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Requested Patent: WO9727835A1
Title: PERSONAL CARE COMPOSITION ;
Abstracted Patent: US5882660 ;
Publication Date: 1999-03-16 ;
Inventor(s): CHAMBERS JOHN GEORGE (GB); TURNER GRAHAM ANDREW (GB) ;
Applicant(s): LEVER BROTHERS CO (US) ;
Application Number: US19970794719 19970203 ;
Priority Number(s): GB19960002111 19960202 ;
IPC Classification: A61K7/48 ;
Equivalents:

AU1443797, AU703392, BR9707339, CA2244882, CN1215327, CZ9802418,
DE69700949D, DE69700949T, EP0877594 (WO9727835), B1, ES2140957T,
HU9900966, JP2000505829T, PL328062, RU2187998 ;

ABSTRACT:

A personal care composition in the form of an aqueous liquid comprises: i) a lipid composition comprising two components D and E, where D is a molecule having one long hydrocarbon chain and a hydrophilic head group and E is a material which comprises at least one of a compound selected from 3 beta -sterol; squalane; squalene; saponins or sapogenins of the plant steroid or triterpenoid type; di and tri terpenes such as phytol, retinol and amylin; and mixtures thereof, wherein D and E are respectively present at levels within the range 0.1 to 10 wt % and 0.2 to 12 wt % based on the total composition; ii) a surface active agent selected from anionic, nonionic, cationic, zwitterionic, amphoteric surface active agents, soap and mixtures thereof; and iii) a deposition aid; and the composition is substantially free of a molecule having at least two hydrocarbon chains and a polar head group which satisfies the relationship $(l) \text{ where } V \text{ is the volume of the hydrocarbon chains } l_c \text{ is the critical length of the hydrocarbon chains and } a_o \text{ is the optimum area of the polar head group. The composition may in the form of for example a shower gel or facial cleanser which is temporarily applied to the skin before being removed such as wiping or rinsing it from the skin.}$

